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Docket No. A-95-20
Subcategory II-A
EPA Studies or Contractor Reports

<u>Docket No.</u>	<u>Description</u>
II-A-1	Control of VOC Fugitive Emissions from Synthetic Organic Chemical, Polymer, and Resin Manufacturing Equipment. EPA-450/3-83-006. March 1984.
II-A-2	Performance Evaluation of Full-Scale Hazardous Waste Incinerators. Volume 2 Incinerator Results and Volume IV Appendices C through J. Prepared by MRI. November 1984.

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EPA Studies or Contractor Reports

<u>Docket No.</u>	<u>Description</u>
II-A-3	OAQPS Control Cost Manual. Fourth Edition. EPA 450/3-90-006. January 1990.
II-A-4	Toxic Releases Inventory System Data for facilities reporting emissions for SIC categories 2869 and 2879 in 1991.
II-A-5	Development Document for Best Available Technology, Pretreatment Technology, and New Source Performance Technology for the Pesticide Chemical Industry. EPA 821 R-92-005. April 1992. Section 3.
II-A-6	Hazardous Air Pollutant Emissions from Process Units in Synthetic Organic Chemical Manufacturing Industry-Background Information for Proposed Standards. Volume 1A, National Impacts Analysis. EPA-453/D-92-016a. November 1992. PP. 3-15 and 3-16.
II-A-7	Hazardous Air Pollutant Emissions from Process Units in Synthetic Organic Chemical Manufacturing Industry-Background Information for Proposed Standards. Volume 1B, Control Technologies. EPA-453/D-92-016b. November 1992. pp. 3-46 through 3-58 and 3-64 through 3-85.
II-A-8	Chromium Chemicals Manufacturing Draft Technical Report. Prepared by Midwest Research Institute for I. Rosario, EPA/OAQPS/ESD. Draft. November 4, 1993. Section 5.4.
II-A-9	Toxic Releases Inventory System Data for facilities reporting emissions for SIC categories 2869 and 2879 in 1993.
II-A-10	Alternative Control Techniques Document. Volatile Organic Liquids Storage in Floating and Fixed Roof Tanks. EPA-453/R-94-001. January 1994. p. 6-29.
II-A-11	Control of VOC Emissions from Batch Processes-- Alternative Control Techniques Document. EPA 453/R-94-020. February 1994.

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EPA Studies or Contractor Reports

<u>Docket No.</u>	<u>Description</u>
II-A-12	Pesticides Industry Sales and Usage: 1992 and 1993 Market Estimates. EPA-733/K-94-001. June 1994.
II-A-13	Status of Pesticides in Reregistration and Special Review. EPA 738-R-94-008. June 1994.
II-A-14	Compilation of Air Pollutant Emission Factors. Volume I: Stationary Point and Area Sources (AP-42). Fifth Edition. January 1995. pp. 1.1-3, 1.4-3, and 1.4-4.
II-A-15	Engineering Cost Model Documentation Report for the Pharmaceutical Manufacturing Industry. Prepared by Radian Corporation for U. S. Environmental Protection Agency, Office of Water. February 28, 1995. pp. 2-8 and 4-29.
II-A-16	Pesticide Program Progress Report. EPA 738-R-95-020. April 1995.
II-A-17	Search of Section Seven Tracking System database for facilities manufacturing technical material or active ingredient in the 1991 reporting year. Search conducted June 8, 1995.
II-A-18	Protocol for Equipment Leak Emission Estimates. EPA-453/R-95-017. November 1995.
II-A-19	Pharmaceutical Production Basis and Purpose Document. January 1997. Chapter 3.
II-A-20	Economic Impact Analysis of the Proposed NESHAP for Pesticide Active Ingredient Production. Final Report. Prepared by Research Triangle Institute for EPA's Office of Air Quality Planning and Standards. April 1997.
II-A-21	Pesticides Industry Sales and Usage: 1988 Market Estimates. U.S. Environmental Protection Agency, Office of Pesticide Programs. February 1990.

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<u>Docket No.</u>	<u>Description</u>
II-A-22	Pesticides Industry Sales and Usage: 1989 Market Estimates. U.S. Environmental Protection Agency, Office of Pesticide Programs. July 1991.
II-A-23	Pesticides Industry Sales and Usage: 1990 and 1991 Market Estimates. U.S. Environmental Protection Agency, Office of Pesticide Programs. EPA-733-K-92-001. Fall 1992.
II-A-24	Agricultural Chemicals: A Profile of the Pesticide Industry. Research Triangle Institute. Prepared for the U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. August 1996.
II-A-25	Economic Analysis of Air Pollution Regulations: Pharmaceutical Industry. Prepared for the U.S. Environmental Protection Agency, Office of Air Quality Planning and Standards. August 1996.
II-A-26	Pesticides Industry Sales and Usage: 1993-1995 (preliminary draft). U.S. Environmental Protection Agency, Office of Pesticide Programs. September 1996.
II-A-27	Economic Impact Analysis of Proposed Effluent Limitations Guidelines and Standards for the Pesticide Manufacturing Industry. U.S. Environmental Protection Agency, Office of Science and Technology. EPA-821-R-92-003. March 1992.

Docket No. A-95-20
Subcategory II-B
EPA Factual Memoranda

<u>Docket No.</u>	<u>Description</u>
II-B-1	J. Farmer, EPA:ESD, to B. Ajax et. al. August 22, 1980. Thermal incinerators and flares.
II-B-2	D. Whitt, Radian, to D. Markwordt, EPA:CPD. June 5, 1991. Impacts from the Control of Volatile Hazardous Air Pollutant Emissions from Equipment in Non-SOCMI Process Units for HON.
II-B-3	R. Oommen, Radian Corporation, to L. Evans, EPA:ESD. February 10, 1992. Limits and monitoring parameters for combustion/scrubbing systems used to control halogenated process vent streams.
II-B-4	K. Scott, Radian, to M. Kissell, EPA. June 30, 1993. Steam Stripper Total Capital Investment and Total Annual Costs.
II-B-5	B. Shine, MRI, to R. McDonald, EPA:ESD. July 14, 1993. Enhanced monitoring costs for Polymers and Resins II NESHAP.
II-B-6	G. Pagett, PES, to L. Banker, EPA:ESD. July 29, 1993. Summary of information gathering efforts.
II-B-7	M. Tedijanto, PES, to Project files. October 4, 1993. Summary of September 22 meeting with the EPA Office of Water.
II-B-8	M. Tedijanto, PES, to L. Banker, EPA:ESD. October 8, 1993. Summary of regulatory requirements in California and New Jersey.
II-B-9	G. Pagett, Pacific Environmental Services Inc., to L. Banker, EPA:ESD. Trip report: Mineral Research and Development Corp./CSI, Harrisburg, NC. November 22, 1993, report of July 21, 1993, visit.
II-B-10	K. Schmidtke, MRI, to Project File (Chromium Chemicals Manufacturing NESHAP). November 30, 1993. Memorandum: Recalculation of Potential Emission Estimates for Occidental Chemical Corporation at 325 tons per day.

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<u>Docket No.</u>	<u>Description</u>
II-B-11	G. Pagett, PES (K. Schmidtke, MRI), to L. Banker, EPA:ESD. Trip report: Ciba-Geigy, St. Gabriel, LA. May 12, 1995, draft report of September 28, 1993, visit.
II-B-12	C. Hale, MRI, to L. Banker, EPA:ESD. Trip report: Monsanto Plant, Muscatine, IA. December 8, 1995, report of July 26, 1995, visit.
II-B-13	C. Colledge, EPA:OPP, to L. Banker, EPA:ESD. June 18, 1996. Memorandum transmitting list of pesticide active ingredients used to produce registered herbicide, insecticide, and fungicide end-use products.
II-B-14	S. Wyatt, EPA:ESD, to C. Colledge, EPA:OPP. August 28, 1996. Request for electronic version of OPP's list of pesticide active ingredients used in herbicide, insecticide, and fungicide end-use products.
II-B-15	C. Colledge, EPA:OPP, to S. Wyatt, EPA:ESD. September 3, 1996. Memorandum transmitting attached copy of the entire OPP pesticide list.
II-B-16	D. Randall, MRI, to Project Files. November, 25, 1996. Evaluation by Dr. R.L. Smith, EPA/OAQPS of health effects of HAP emissions from the production of pesticide active ingredients.
II-B-17	Tabulated results of process vent emissions for two pesticide active ingredient processes, for Monsanto's Muscatine, Iowa plant, prepared by D. Randall, MRI. May 17, 1996.
II-B-18	Notes on allocating fraction of total process vent and wastewater emissions to individual processes based on production levels, for American Cyanamid, Hannibal, Missouri, prepared by K. Schmidtke, MRI. April 25, 1996.
II-B-19	D. Randall, MRI, to Project File. December 2, 1996. Memorandum plus attachment documenting transmittal of a copy of the draft regulation to

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<u>Docket No.</u>	<u>Description</u>
	T. Gilding of the American Crop Protection Association on November 26, 1996.
II-B-20	Notes on estimating emissions from an intermediate process at Zeneca Cold Creek plant, Bucks, Alabama, prepared by K. Schmidtke, MRI. June 3, 1996.
II-B-21	<p>Hazardous Air Pollutant Emissions from the Pesticide Active Ingredient Production Industry. Supplementary Information Document for Proposed Standards. July 1997. Contains the following:</p> <p>K. Schmidtke, MRI, to L. Banker, EPA:ESD. November 11, 1996. Documentation of Data Base Containing Information from Section 114 Responses and Site Visits.</p> <p>K. Schmidtke, MRI, to L. Banker, EPA:ESD. November 27, 1996. Estimation of the number of affected sources in the production of pesticide active ingredients source category.</p> <p>D. Randall and K. Schmidtke, MRI, to L. Banker, EPA:ESD. December 16, 1996. Recommended control levels for the process vent, storage tank, and wastewater planks of the new source MACT floor.</p> <p>K. Schmidtke, MRI, to L. Banker, EPA:ESD. January 6, 1997. Growth Projections for the pesticide active ingredient production industry.</p> <p>D. Randall and K. Schmidtke, MRI, to L. Banker, EPA:ESD. April 15, 1997. Summary of data from responses to information collection requests and site visits.</p> <p>K. Schmidtke, MRI, to L. Banker, EPA:ESD. April 30, 1997. Storage tank data and results of storage tank emission calculations using TANKS3 software.</p> <p>D. Randall and K. Schmidtke, MRI, to L. Banker, EPA:ESD. April 30, 1997. MACT floor and</p>

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<u>Docket No.</u>	<u>Description</u>
	regulatory alternatives for the pesticide active ingredient production industry.
	D. Randall and K. Schmidtke, MRI, to L. Banker, EPA:ESD. April 30, 1997. Model plants for the pesticide active ingredient manufacturing industry.
	D. Randall, K. Schmidtke, and C. Hale, MRI, to L. Banker, EPA:ESD. April 30, 1997. Baseline emissions for the pesticide active ingredient production industry.
	D. Randall and K. Schmidtke, MRI, to L. Banker, EPA:ESD. April 30, 1997. Environmental impacts for the pesticide active ingredient NESHAP.
	K. Schmidtke and D. Randall, MRI, to L. Banker, EPA:ESD. April 30, 1997. Cost impacts of regulatory alternatives for the production of pesticide active ingredients NESHAP.
	D. Randall, MRI, to L. Banker, EPA:ESD. April 30, 1997. Procedures to estimate characteristics and population of dilute and concentrated streams for model processes.
	D. Randall, MRI, to L. Banker, EPA:ESD. June 30, 1997. Basis for pollution prevention factors.
	D. Randall, MRI, to L. Banker, EPA:ESD. June 30, 1997. Basis for applicability cutoff equation for process vents under regulatory alternative no. 1.
II-B-22	Notes on estimating generated HCl emissions from process vents, prepared by K. Schmidtke, MRI. October 22, 1996.
II-B-23	G. Pagett, PES, (K. Schmidtke, MRI), to L. Banker, EPA:ESD. Trip report: Zeneca Ag Company, Bucks, Alabama. Draft May 12, 1995, report of September 29, 1993, visit.
II-B-24	Notes on allocating fraction of process vent, equipment leaks, and wastewater emissions to

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individual processes based on production levels
for Ciba-Geigy's St. Gabriel, Louisiana, plant.
Prepared by K. Schmidtke, MRI. February 23, 1996.

II-B-25

G. Pagett, Pacific Environmental Services, Inc.,
to L. Banker, EPA:ESD. Trip report: ISK Biotech,
Houston, TX. November 10, 1995, draft report of
August 27, 1993, visit.

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<u>Docket No.</u>	<u>Description</u>
II-B-26	D. Randall and C. Hale, MRI, to L. Banker, EPA:ESD. Trip report: E.I. DuPont DeNemours and Company, Inc., La Porte, Texas. April 26, 1996, report of July 27, 1995, visit.
II-B-27	C. Hale, MRI, to L. Banker, EPA:ESD. Trip report: FMC Corporation in Baltimore, Maryland. September 1, 1995, report of July 28, 1995, visit.
II-B-28	C. Hale, MRI, to Pharmaceuticals NESHAP Project File. March 26, 1996. 98 percent TRE for single process vents.

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EPA Correspondence to Persons Outside the Agency

<u>Docket No.</u>	<u>Description</u>
II-C-1	L. Banker, EPA:ESD, to T. Gilding, National Agricultural Chemicals Association. May 1993. Letter inviting the association to participate in the development of the NESHAP for production of agricultural chemicals.
II-C-2	D. Bell, EPA:ESD, to S. Bartos, Mineral Research and Development Corporation. July 1993. Site visit confirmation letter for the Harrisburg, North Carolina plant.
II-C-3	D. Bell, EPA:ESD, to J. Stansbury, ISK Biotech. August 1993. Site visit confirmation letter for the Houston, Texas plant.
II-C-4	D. Bell, EPA:ESD, to M. McMillian, Ciba-Geigy Corporation. September 1993. Site visit confirmation letter for the St. Gabriel, Louisiana plant.
II-C-5	D. Bell, EPA:ESD, to D. Smith, Zeneca, Incorporated. September 1993. Site visit confirmation letter for the Bucks, Alabama plant.
II-C-6	D. Bell, EPA:ESD, to S. Bartos, Mineral Research and Development Corporation/CSI. September 3, 1993. Transmittal of draft trip report for the July 21, 1993, visit to the Harrisburg, North Carolina plant.
II-C-7	D. Bell, EPA:ESD, to L. Sutherland, ISK Biotech. September 8, 1993. Request additional information following the August 27, 1993, visit to the Houston, Texas plant.
II-C-8	D. Bell, EPA:ESD, to L. Sutherland, ISK Biotech. September 21, 1993. Transmittal of draft trip report for an August 27, 1993, visit to the Houston, Texas, plant.
II-C-9	D. Bell, EPA:ESD, to M. McMillian, Ciba-Geigy Corporation. January, 1994. Transmittal of draft trip report for the September 28, 1993, visit to the St. Gabriel, Louisiana plant.

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<u>Docket No.</u>	<u>Description</u>
II-C-10	D. Bell, EPA:ESD, to D. Smith, Zeneca, Incorporated. January, 1994. Transmittal of draft trip report for the September 29, 1993, visit to the Bucks, Alabama plant.
II-C-11	B. Jordan, EPA:ESD, to T. Gilding, American Crop Protection Association. February 3, 1995. Request for help in identifying facilities that manufacture agricultural chemicals and an invitation to participate in the presumptive MACT and MACT Partnership Group.
II-C-12	B. Jordan, EPA:ESD, to W. Stickle, Chemical Producers and Distributors Association. March 15, 1995. Request for help in identifying facilities that manufacture agricultural chemicals and an invitation to participate in the presumptive MACT and MACT Partnership Group.
II-C-13	B. Jordan, EPA:ESD, to E. Waller, Midwestern Agricultural Chemicals Association. March 15, 1995. Request for help in identifying facilities that manufacture agricultural chemicals and an invitation to participate in the presumptive MACT and MACT Partnership Group.
II-C-14	B. Jordan, EPA:ESD, to E. Duskin, Southern Crop Protection Association. March 15, 1995. Request for help in identifying facilities that manufacture agricultural chemicals and an invitation to participate in the presumptive MACT and MACT Partnership Group.
II-C-15	B. Jordan, EPA:ESD, to J. Gray, Western Crop Protection Association. March 15, 1995. Request for help in identifying facilities that manufacture agricultural chemicals and an invitation to participate in the presumptive MACT and MACT Partnership Group.

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<u>Docket No.</u>	<u>Description</u>
II-C-16	S. Wyatt, EPA:ESD, to K. Cheek-Deajon, DuPont. July 20, 1995. Request for site visit to the LaPorte, Texas plant. (Identical letters sent to addressees listed on attachment to K. Cheek-Deajon's letter).
II-C-17	S. Wyatt, EPA:ESD, to J. Lonsinger, Bayer USA, Incorporated. July 25, 1995. Request for site visit to the Kansas City, Missouri plant.
II-C-18	B. Jordan, EPA:ESD, to H. Baker, Sandoz Agro, Incorporated. October 5, 1995. Section 114 information collection request. (Identical letters sent to addressees listed on attachment to H. Baker's letter).
II-C-19	S. Wyatt, EPA:ESD, to T. Ward, Monsanto Company. October 13, 1995. Request for additional information following the July 26, 1995, site visit to the Muscatine, Iowa plant.
II-C-20	B. Jordan, EPA:ESD, to R. Crews, Ciba-Geigy Corporation. October 17, 1995. Section 114 information collection request.
II-C-21	S. Wyatt, EPA:ESD, to M. Altman, FMC Corporation. October 20, 1995. Transmittal of draft trip report for the July 28, 1995, visit to the Baltimore, Maryland plant.
II-C-22	S. Wyatt, EPA:ESD, to K. Cheek-Deajon, DuPont. October 20, 1995. Transmittal of draft trip report for the July 27, 1995, visit to the La Porte, Texas plant.
II-C-23	S. Wyatt, EPA:ESD, to T. Ward, Monsanto Company. October 20, 1995. Transmittal of draft trip report for the July 26, 1995, visit to the Muscatine, Iowa plant.
II-C-24	L. Banker, EPA:ESD, to L. Fletcher, DuPont. October 19, 1995. Confirmation that the La Porte, Texas plant is not required to respond to the Section 114 information collection request.

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<u>Docket No.</u>	<u>Description</u>
II-C-25	B. Jordan, EPA:ESD, to G. Arce, Elf Atochem. October 23, 1995. Section 114 information collection request.
II-C-26	B. Jordan, EPA:ESD, to R. Iyer, Uniroyal Chemical Company. October 23, 1995. Section 114 information collection request.
II-C-27	L. Banker, EPA:ESD, to Addressees. October 23, 1995. Transmittal of meeting minutes for September 14, 1995, MACT Partnership Group Meeting.
II-C-28	K. Schmidtke, MRI, to B. Raff, Ciba-Geigy. December 15, 1995. Request for additional information following the site visit to the St. Gabriel, Louisiana plant.
II-C-29	S. Wyatt, EPA:ESD, to K. Cheek-Deajon, DuPont. January 23, 1996. Request for additional information following the July 27, 1995, site visit to the La Porte, Texas plant.
II-C-30	S. Wyatt, EPA:ESD, to T. Ward, Monsanto Company. January 30, 1996. Transmittal of final trip report for the July 25, 1995, visit to the Muscatine, Iowa plant.
II-C-31	K. Schmidtke, MRI, to G. Bradley, Rhone-Poulenc. February 1, 1996. Request for follow-up information to the Section 114 response for the Institute, West Virginia plant.
II-C-32	K. Schmidtke, MRI, to C. Altamirano, Sandoz Agro, Inc. May 7, 1996. Transmittal of minutes for MACT Partnership Group meeting held on April 4, 1996. (Identical letters sent to addressees listed on C. Altamirano's letter).
II-C-33	K. Schmidtke, MRI, to J. Alderman, Dow Chemical. May 15, 1996. Request for follow-up information to the Section 114 response for the Pittsburg, California, plant.

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<u>Docket No.</u>	<u>Description</u>
II-C-34	K. Schmidtke, MRI, to J. Alderman, Dow Chemical. May 16, 1996. Request for follow-up information to the Section 114 response for the Freeport, Texas, plant.
II-C-35	S. Wyatt, EPA:ESD, to K. Cheek-Deajon, DuPont. May 20, 1996. Transmittal of final trip report for the July 27, 1995, visit to the LaPorte, Texas plant.
II-C-36	D. Randall, MRI, to T. Gilding, American Crop Protection Association. June 19, 1996. Transmittal of minutes for MACT Partnership Group conference call held on May 30, 1996. (Identical letters sent to addressees listed on attachment to T. Gilding's letter).
II-C-37	K. Schmidtke, MRI, to J. Dege, DuPont. June 28, 1996. Data used in analysis of MACT floor for storage tanks.
II-C-38	L. Banker, EPA:ESD, to T. Gilding, American Crop Protection Association. July 3, 1996. Transmittal of sections of draft regulation. (Identical letters sent to addressees listed on T. Gilding's letter).
II-C-39	K. Schmidtke, MRI, to J. Alderman and A. Youngson, Dow Chemical. August 23, 1996. Request for follow-up information for the Section 114 information request for the the Pittsburg, California plant.
II-C-40	K. Schmidtke, MRI, to R. Alford, Zeneca Ag Company. October 3, 1996. Request for follow-up information to the Section 114 response for the Cold Creek plant, Bucks, Alabama.
II-C-41	K. Schmidtke, MRI, to T. Gilding, American Crop Protection Association. October 17, 1996. Transmittal of minutes for September 18, 1996, MACT Partnership Group Meeting. (Identical

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<u>Docket No.</u>	<u>Description</u>
	letters sent to addressees listed on attachment to T. Gilding's letter).
II-C-42	D. Randall, MRI, to T. Gilding, American Crop Protection Association. February 12, 1997. Transmittal of minutes for MACT Partnership Group conference call held on January 16, 1997.
II-C-43	L. Banker, EPA:ESD, to T. Gilding, American Crop Protection Association. March 21, 1997. Letter transmitting draft regulation and solicitation of comments section of the draft preamble.

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<u>Docket No.</u>	<u>Description</u>
II-C-44	L. Banker, EPA:ESD, to T. Gilding, American Crop Protection Association. April 15, 1997. Transmittal of draft regulation and chapter 6 of the Basis and Purpose document.
II-C-45	K. Schmidtke, MRI, to J. Alderman, Dow Chemical. August 12, 1996. Request for clarification of information for the Section 114 information request for the Pittsburg, California, plant.
II-C-46	K. Schmidtke, MRI, to S. Bass, Dow Elanco. July 7, 1995. List of preliminary questions regarding PAI production and TRI printout for Dow plants.
II-C-47	K. Schmidtke, MRI, to C. Altamirano, Sandoz Agro. July 11, 1995. List of preliminary questions regarding PAI production and TRI printout for Sandoz Agro plants.
II-C-48	K. Schmidtke, MRI, to J. Daly, Zeneca Ag Products. July 13, 1995. List of preliminary questions regarding PAI production and TRI printout for Zeneca plants.
II-C-49	K. Schmidtke, MRI, to J. Dege, DuPont Specialty Chemicals. July 1995. List of preliminary questions regarding PAI production and TRI printout for DuPont plants.

Docket No. A-95-20
Subcategory II-D
Correspondence Received From Persons Outside the Agency

<u>Docket No.</u>	<u>Description</u>
II-D-1	T. Gilding, National Agricultural Chemicals Association, to L. Banker, EPA:ESD. May 26, 1993. Letter indicating NACA's interest in participating in the NESHAP development process.
II-D-2	J. Jeffrey, Rhone-Poulenc Ag Company, to M. Tedijanto, PES. July 26, 1993. Information about Rhone-Poulenc plants.
II-D-3	T. Gilding, American Crop Protection Association, to L. Banker, EPA:ESD and D. Randall, MRI. June 21, 1995. List of contacts at companies that EPA is considering for site visits.
II-D-4	K. Cheek-Deajon, DuPont Specialty Chemicals, to L. Banker, EPA:ESD. August 30, 1995. Transmittal of general plant process and emissions data.
II-D-5	K. Cheek-Deajon, DuPont Specialty Chemicals, to L. Banker, EPA:ESD. October 6, 1995. Transmittal of descriptions of wastewater treatment systems, emission estimates, and equipment leak components for the LaPorte Plant, TX.
II-D-6	T. Ward, Monsanto, to L. Banker, EPA:ESD. October 19, 1995. Request for extension to respond to request for additional information relative to the site visit.
II-D-7	J. Lonsinger, Bayer Corporation, to L. Banker, EPA:ESD. October 24, 1995. Information showing Kansas City plant is not a major source of HAP emissions.
II-D-8	L. Fletcher, DuPont, to L. Banker, EPA:ESD. October 27, 1995. Revised schedule for responding to Section 114 information request.
II-D-9	S. Nixon, Knox County Government, Tennessee Department of Air Pollution Control, to K. Schmidtke, MRI. November 14, 1995. Transmittal of information on pesticide active ingredient facilities that are HAP major sources.

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Subcategory II-D
Correspondence Received From Persons Outside the Agency

<u>Docket No.</u>	<u>Description</u>
II-D-10	J. Alderman, Dow Chemical Company, to D. Randall, MRI. November 15, 1995. Criteria Dow used to determine how to respond to the Section 114 information request.
II-D-11	C. Altamirano, Sandoz Agro, Inc., to B. Jordan, EPA:ESD. December 5, 1995. Transmittal of response to Section 114 information collection request for the Beaumont, TX, plant.
II-D-12	J. B. Willett, American Cyanamid, to L. Banker, EPA:ESD. December 5, 1995. Request for extension to respond to Section 114 information request.
II-D-13	K. Herrold, Zeneca Ag Products, to B. Jordan, EPA:ESD. December 6, 1995. Transmittal of response to Section 114 information collection request for the Bayport, TX, and Richmond, CA, plants.
II-D-14	R. Lockemer, Rhone-Poulenc, to B. Jordan, EPA:ESD. December 8, 1995. Transmittal of response to Section 114 information collection request for the Institute, WV, plant.
II-D-15	T. Ray, Elf Atochem North America, Inc., to B. Jordan, EPA:ESD. December 11, 1995. Transmittal of response to Section 114 information collection request for the Riverview, MI, plant.
II-D-16	T. Sciple, Ciba-Geigy Corporation, to L. Banker, EPA:ESD. December 13, 1995. Request for extension of submittal date for response to Section 114 information request.
II-D-17	J. Alderman, Dow Chemical Company, to B. Jordan, EPA:ESD. December 14, 1995. Transmittal of response to Section 114 information collection request for the Midland, MI; Pittsburg, CA; and Freeport, TX, plants.
II-D-18	R. Lockemer, Rhone-Poulenc, to B. Jordan, EPA:ESD. December 14, 1995. Transmittal of response to

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<u>Docket No.</u>	<u>Description</u>
	Section 114 information collection request for the Mt. Pleasant, TN, plant.
II-D-19	L. Fletcher, DuPont Agriculture Products, to L. Banker, EPA:ESD. December 15, 1995. Transmittal of response to Section 114 information collection request for the Belle, WV; Manati, PR; and Mobile, AL, plants.
II-D-20	R. Chowdary, Elf Atochem North America, Inc., to B. Jordan, EPA:ESD. December 21, 1995. Transmittal of response to Section 114 information collection request for the Carrollton, KY, plant.
II-D-21	J. Johnston, Georgia Department of Natural Resources, to K. Schmidtke, MRI. December 26, 1995. Transmittal of information on pesticide active ingredient facilities that are HAP major sources.
II-D-22	J. Willett, American Cyanamid Company, to B. Jordan, EPA:ESD. December 29, 1995. Transmittal of response to Section 114 information collection request for the Hannibal, MO, plant.
II-D-23	K. Herrold, Zeneca Ag Products, to L. Banker, EPA:ESD. January 11, 1996. Revised schedule for submitting responses to Section 114 information request.
II-D-24	R. Crews, Ciba-Geigy Corporation, to B. Jordan, EPA:ESD. January 12, 1996. Transmittal of response to Section 114 information collection request for the McIntosh, AL, plant.
II-D-25	J. Peshkin, Monsanto, to L. Banker, EPA:ESD. January 29, 1996. Transmittal of additional information regarding the site visit for the Muscatine, IA, plant.
II-D-26	K. Herrold, Zeneca Ag Products, to L. Banker, EPA:ESD. February 8, 1996. Transmittal of response to Section 114 information collection request for the Cold Creek Plant in Bucks, AL.

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<u>Docket No.</u>	<u>Description</u>
II-D-27	O. Mureebe, Uniroyal Chemical Corporation, Inc., to L. Banker, EPA:ESD. February 13, 1996. Transmittal of response to Section 114 information collection request for the Naugatuck, CT; Gastonia, NC; and Geismar, LA, plants.
II-D-28	B. Raff, Ciba-Geigy Corporation, to L. Banker, EPA:ESD. February 14, 1996. Transmittal of additional information regarding the site visit for the St. Gabriel, LA, plant.
II-D-29	G. Bradley, Rhone-Poulenc, to L. Banker, EPA:ESD. February 19, 1996. Transmittal of additional information for the Institute, WV, plant.
II-D-30	C. Mattson, Zeneca Specialties, to B. Jordan, EPA:ESD. February 22, 1996. Request for clarification of whether a response to the Section 114 information request is needed for the Mt. Pleasant, Tennessee, plant.
II-D-31	K. Herrold, Zeneca Ag Products, to K. Schmidtke, MRI. March 14, 1996. Transmittal of completed Table 5, Wastewater Survey Information, for the Cold Creek Plant, Bucks, AL.
II-D-32	R. Alford, Zeneca Ag Products, to L. Banker, EPA:ESD. March 19, 1996. Transmittal of completed Table 4, Information Requested for Equipment Leaks, for the Cold Creek Plant, Bucks, AL.
II-D-33	K. Herrold, Zeneca Ag Products, to L. Banker, EPA:ESD. March 21, 1996. Transmittal of additional information for the Cold Creek Plant in Bucks, AL.
II-D-34	K. Herrold, Zeneca Ag Products, to K. Schmidtke, MRI. May 7, 1996. Transmittal of Process flow diagram; completed Table 5, Wastewater Survey Information; and completed Table 6, Design of Wastewater Collection and Treatment Controls, for the Richmond, CA, plant.

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<u>Docket No.</u>	<u>Description</u>
II-D-35	J. Dumelow, DuPont Agriculture Products, to K. Schmidtke, MRI. May 15, 1996. Transmittal of additional information for the Mobile, AL, plant.
II-D-36	T. Gilding, American Crop Protection Association, to L. Banker, EPA:ESD. May 16, 1996. Comments on the applicability of intermediates.
II-D-37	B. Willett, American Cyanamid, to K. Schmidtke, MRI. May 21, 1996. Transmittal of additional information for the Hannibal, MO, plant.
II-D-38	T. Gilding, American Crop Protection Association, to L. Banker, EPA:ESD. May 23, 1996. Comments on the standards development.
II-D-39	J. Alderman, Dow Chemical Company, to L. Banker, EPA:ESD. May 30, 1996. Transmittal of additional information for the Pittsburg, CA, and Freeport, TX, plants.
II-D-40	D. Smith, Zeneca Ag Products, to L. Banker, EPA:ESD. June 11, 1996. Transmittal of additional information for the Cold Creek plant in Bucks, AL.
II-D-41	H. Naour, Illinois Environmental Protection Agency, to L. Banker, EPA:ESD. July 18, 1996. Comments on the draft rule.
II-D-42	J. Gulak, Uniroyal Chemical, to K. Schmidtke, MRI. July 1996. Transmittal of additional information for the Naugatuck, CT, plant.
II-D-43	T. Gilding, American Crop Protection Association, to L. Banker, EPA:ESD. August 8, 1996. Comments on the July 2, 1996, draft of the regulation.
II-D-44	J. Alderman, Dow Chemical Company, to K. Schmidtke, MRI. August 16, 1996. Transmittal of additional information for the Pittsburg, CA, plant.

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<u>Docket No.</u>	<u>Description</u>
II-D-45	J. Dege, DuPont, to L. Banker, EPA:ESD. August 27, 1996. Comments on draft regulation.
II-D-46	H. Naour, Illinois Environmental Protection Agency, to L. Banker, EPA:ESD. September 13, 1996. Comments on the draft regulation.
II-D-47	J. Dumelow, DuPont Agriculture Products, to K. Schmidtke, MRI. September 16, 1996. Transmittal of additional information for the Mobile, AL, plant.
II-D-48	J. Dumelow, DuPont Agriculture Products, to K. Schmidtke, MRI. September 19, 1996. Transmittal of additional information for the Mobile, AL, plant.
II-D-49	J. Alderman, Dow Chemical Company, to K. Schmidtke, MRI. September 20, 1996. Submittal of additional information for the Pittsburg, CA, plant.
II-D-50	T. Gilding, American Crop Protection Association, to L. Banker, EPA:ESD. September 20, 1996. Summary of data from equipment leak tests.
II-D-51	R. Alford, Zeneca Ag Products, to K. Schmidtke, MRI. October 3, 1996. Transmittal of additional information for the Cold Creek plant in Bucks, AL.
II-D-52	J. Dumelow, DuPont Agriculture Products, to K. Schmidtke, MRI. December 3, 1996. Transmittal of additional information for the Mobile, AL, plant.
II-D-53	T. Gilding, American Crop Protection Association, to L. Banker, EPA:ESD. December 20, 1996. Comments on the October 18, 1996, draft regulation.
II-D-54	T. Germinario, American Cyanamid, L. Banker, EPA:ESD. December 23, 1996. Transmittal of selected sections from reports of equipment leak tests from five companies.

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<u>Docket No.</u>	<u>Description</u>
II-D-55	K. Cheek-Deajon, DuPont Specialty Chemicals, to L. Banker, EPA:ESD. March 25, 1996. Transmittal of additional information for the LaPorte, TX, plant.
II-D-56	K. Herrold, Zeneca Ag Products, to B. Jordan, EPA:ESD. December 6, 1995. Transmittal of response to Section 114 information request for Perry, Ohio, plant.
II-D-57	K. Cheek-Deajon, DuPont Specialty Chemicals, to L. Banker, EPA:ESD. May 30, 1996. Storage Tank Summary Tables for the Lannate/API process for LaPorte, TX, plant.
II-D-58	K. Cheek-Deajon, DuPont Specialty Chemicals, to L. Banker, EPA:ESD. June 20, 1996. Transmittal of additional information for the LaPorte, TX, plant.
II-D-59	O. Mureebe, Uniroyal Chemical Corporation, Inc., to L. Banker, EPA:ESD. February 13, 1996. Transmittal of responses to Section 114 Information request for the Naugatuck, CT; Gastonia, NC; and Geismar, LA, plants.
II-D-60	K. Cheek-Deajon, DuPont Agricultural Products, to K. Schmidtke, MRI. July 3, 1995. Facsimile sending preliminary PAI production information (response to telephone survey).
II-D-61	S. Bass, DowElanco, to K. Schmidtke, MRI. July 10, 1995. Facsimile sending preliminary PAI production information (response to telephone survey).
II-D-62	J. Dumelow, DuPont Agricultural Products, to K. Schmidtke, MRI. July 19, 1995. Facsimile sending preliminary PAI production information (response to telephone survey).
II-D-63	K. Cheek-Deajon, DuPont Specialty Chemicals, to L. Banker, EPA:ESD. March 4, 1996. Corrections to

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<u>Docket No.</u>	<u>Description</u>
	original information packet submitted August 30, 1995.

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<u>Docket No.</u>	<u>Description</u>
II-E-1	K. Schmidtke, MRI, to L. Banker, EPA:ESD. June 2, 1995. Minutes of MACT Partnership Group meeting held on May 18, 1995.
II-E-2	C. Hale, MRI, to M. Chlada, FMC Corporation. July 5, 1995. Telecon: Discussion of production activities at Jacksonville, FL plant.
II-E-3	D. Randall, MRI, with K. Irons, Maryland Department of the Environment. August 25, 1995. Telecon: Discussion to determine whether plants listed in Section 7 Tracking System are HAP major sources and pesticide active ingredient manufacturers.
II-E-4	K. Schmidtke, MRI, with C. Harrell, Arkansas Department of Pollution Control and Ecology. September 13, 1995. Telecon: Discussion to determine whether plants listed in Section 7 Tracking System are HAP major sources and pesticide active ingredient manufacturers.
II-E-5	K. Schmidtke, MRI, with E. Giroir, Missouri Department of Natural Resources. September 14 and 27, 1995. Telecon: Discussion to determine whether plants listed in Section 7 Tracking System are HAP major sources and pesticide active ingredient manufacturers.
II-E-6	K. Schmidtke, MRI, with T. Horgan, City of St. Louis Air Pollution Control, Missouri Department of Natural Resources. September 29 and October 4, 1995. Telecon: Discussion to determine whether plants listed in Section 7 Tracking System are HAP major sources and pesticide active ingredient manufacturers.
II-E-7	K. Schmidtke, MRI, with C. Wildt, County of St. Louis Air Pollution Control Program, Missouri Department of Natural Resources. October 2, 1995. Telecon: Discussion to determine whether plants listed in Section 7 Tracking System are HAP major

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	sources and pesticide active ingredient manufacturers.
II-E-8	K. Schmidtke, MRI, with P. Menon, Raleigh Regional Office, North Carolina Department of Environment, Health, and Natural Resources. October 2 and 19, 1995. Telecon: Discussion to determine whether plants listed in Section 7 Tracking System are HAP major sources and pesticide active ingredient manufacturers.
II-E-9	K. Schmidtke, MRI, with D. Carney and S. Honig, Missouri Department of Natural Resources. October 3, 1995. Telecon: Discussion to determine whether plants listed in Section 7 Tracking System are HAP major sources and pesticide active ingredient manufacturers.
II-E-10	K. Schmidtke, MRI, with R. Edwards, Wilmington Regional Office, North Carolina Department of Environment, Health, and Natural Resources. October 5, 1995. Telecon: Discussion to determine whether plants listed in Section 7 Tracking System are HAP major sources and pesticide active ingredient manufacturers.
II-E-11	K. Schmidtke, MRI, with B. Bulow, Washington Regional Office, North Carolina Department of Environment, Health, and Natural Resources. October 6, 1995. Telecon: Discussion to determine whether plants listed in Section 7 Tracking System are HAP major sources and pesticide active ingredient manufacturers.
II-E-12	K. Schmidtke, MRI, with B. Davey, Mooresville Regional Office, North Carolina Department of Environment, Health, and Natural Resources. October 6, 1995. Telecon: Discussion to determine whether plants listed in Section 7 Tracking System are HAP major sources and pesticide active ingredient manufacturers.

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<u>Docket No.</u>	<u>Description</u>
II-E-13	K. Schmidtke, MRI, with M. Revels, Fayetteville Regional Office, North Carolina Department of Environment, Health, and Natural Resources. October 6, 1995. Telecon: Discussion to determine whether plants listed in Section 7 Tracking System are HAP major sources and pesticide active ingredient manufacturers.
II-E-14	K. Schmidtke, MRI, with L. Edwards and H. Varner, Winston-Salem Regional Office, North Carolina Department of Environment, Health, and Natural Resources. October 6 and 9, 1995. Telecon: Discussion to determine whether plants listed in Section 7 Tracking System are HAP major sources and pesticide active ingredient manufacturers.
II-E-15	K. Schmidtke, MRI, with P. Muller, Asheville Regional Office, North Carolina Department of Environment, Health, and Natural Resources. October 9, 1995. Telecon: Discussion to determine whether plants listed in Section 7 Tracking System are HAP major sources and pesticide active ingredient manufacturers.
II-E-16	K. Schmidtke, MRI, with J. Liu and J. Schoenfuss, Mecklenburg County Department of Environmental Protection, North Carolina Department of Environment, Health, and Natural Resources. October 9, 1995. Telecon: Discussion to determine whether plants listed in Section 7 Tracking System are HAP major sources and pesticide active ingredient manufacturers.
II-E-17	K. Schmidtke, MRI, with T. Gross, Kansas Department of Air and Radiation. October 10, 1995. Telecon: Discussion to determine whether plants listed in Section 7 Tracking System are HAP major sources and pesticide active ingredient manufacturers.
II-E-18	K. Schmidtke, MRI, with P. Brochi, Texas Air Control Board. October 16, 1995. Telecon: Discussion to determine whether plants listed in

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<u>Docket No.</u>	<u>Description</u>
	Section 7 Tracking System are HAP major sources and pesticide active ingredient manufacturers.
II-E-19	K. Schmidtke, MRI, to L. Banker, EPA:ESD. October 18, 1995. Minutes of MACT Partnership Group meeting held on September 14, 1995.
II-E-20	K. Schmidtke, MRI, with H. Naour, Illinois Environmental Protection Agency. October 18, 1995. Telecon: Discussion to determine whether plants listed in Section 7 Tracking System are HAP major sources and pesticide active ingredient manufacturers.
II-E-21	K. Schmidtke, MRI, with J. Legg, West Virginia Air Pollution Control. October 20 and December 14, 1995. Telecon: Discussion to determine whether plants listed in Section 7 Tracking System are HAP major sources and pesticide active ingredient manufacturers.
II-E-22	K. Schmidtke, MRI, with F. Huggins, Davidson County Air Pollution Control, Tennessee Department of Air Pollution Control. October 24, 1995. Telecon: Discussion to determine whether plants listed in Section 7 Tracking System are HAP major sources and pesticide active ingredient manufacturers.
II-E-23	K. Schmidtke, MRI, with E. Reksten and A. Frazier, Hamilton County Air Pollution Control Bureau, Tennessee Division of Air Pollution Control. October 24, 1995. Telecon: Discussion to determine whether plants listed in Section 7 Tracking System are HAP major sources and pesticide active ingredient manufacturers.
II-E-24	K. Schmidtke, MRI, with L. Sherrill, Shelby County Air Pollution Control, Tennessee Department of Air

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<u>Docket No.</u>	<u>Description</u>
	Pollution Control. October 24, 1995. Telecon: Discussion to determine whether plants listed in Section 7 Tracking System are HAP major sources and pesticide active ingredient manufacturers.
II-E-25	K. Schmidtke, MRI, with M. Ahmed, Tennessee Department of Air Pollution Control. October 26 and December 4, 1995. Telecon: Discussion to determine whether plants listed in Section 7 Tracking System are HAP major sources and pesticide active ingredient manufacturers.
II-E-26	K. Schmidtke, MRI, with S. Enke, Betz Laboratories, Inc. December 5, 1995. Telecon: Discussion to determine whether the West Orange, Texas plant is a HAP major source and pesticide active ingredient manufacturer.
II-E-27	K. Schmidtke, MRI, with G. Hodges, Ennis Agri-Tech. December 6, 1995. Telecon: Discussion to determine whether the Ennis, Texas plant is a HAP major source and pesticide active ingredient manufacturer.
II-E-28	K. Schmidtke, MRI, with D. Neman, Rohm and Haas Bayport. December 6, 1995. Telecon: Discussion to determine whether the La Porte, Texas plant is a HAP major source and pesticide active ingredient manufacturer.
II-E-29	K. Schmidtke, MRI, with P. Robinson, Schenectady International, Inc. December 8 and 15, 1995. Telecon: Discussion to determine whether the Freeport, Texas plant is a HAP major source and pesticide active ingredient manufacturer.
II-E-30	K. Schmidtke, MRI, with R. Buchmann, Griffin Corporation. December 12, 1995. Telecon: Discussion to determine whether the Houston, Texas plant is a HAP major source and pesticide active ingredient manufacturer.

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<u>Docket No.</u>	<u>Description</u>
II-E-31	K. Schmidtke, MRI, with M. Holcomb, Zoecon Corporation/Sandoz Agro, Inc. December 12, 1995. Telecon: Discussion to determine whether the Dallas, Texas plant is a HAP major source and pesticide active ingredient manufacturer.
II-E-32	K. Schmidtke, MRI, with S. Bartos, Chemical Specialties. December 14, 1995. Telecon: Discussion to determine whether the Gilmer, Texas plant is a HAP major source and pesticide active ingredient manufacturer.
II-E-33	K. Schmidtke, MRI, with T. Gibson, Union Carbide Corporation. December 14, 1995. Telecon: Discussion to determine whether the South Charleston, West Virginia plant is a HAP major source and pesticide active ingredient manufacturer.
II-E-34	K. Schmidtke, MRI, with H. Hackney, FMC Corporation. December 14, 1995. Telecon: Discussion to determine whether the Institute, West Virginia plant is a HAP major source and pesticide active ingredient manufacturer.
II-E-35	K. Schmidtke, MRI, with D. Miller, Clearon Corporation. December 14, 1995. Telecon: Discussion to determine whether the South Charleston, West Virginia plant is a HAP major source and pesticide active ingredient manufacturer.
II-E-36	K. Schmidtke, MRI, with E. Sabatino, Cytec Industries. December 14, 1995. Telecon: Discussion to determine whether the Willow Island, West Virginia plant is a HAP major source and pesticide active ingredient manufacturer.

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<u>Docket No.</u>	<u>Description</u>
II-E-37	K. Schmidtke, MRI, with K. Walborn, PPG Industries, Inc. December 14, 1995. Telecon: Discussion to determine whether the New Martinsville, West Virginia plant is a HAP major source and pesticide active ingredient manufacturer.
II-E-38	K. Schmidtke, MRI, to R. Alford, Zeneca Ag Products. March 14, 1996. Telecon: Discussion of response to the Section 114 information collection request for the Cold Creek plant in Bucks, AL.
II-E-39	K. Schmidtke, MRI, to B. Willett, American Cyanamid. March 26, 1996. Telecon: Discussion of response to the Section 114 information collection request for the plant in Hannibal, MO.
II-E-40	K. Schmidtke, MRI, to R. Montague, Uniroyal Chemical. March 28, April 17 and 19, May 15, and July 3, 1996. Telecon: Discussion of response to the Section 114 information collection request for the Geismar, LA, plant.
II-E-41	K. Schmidtke, MRI, to J. Dumelow, DuPont Agriculture Products. April 4, May 14, and September 16, 1996. Telecon: Discussion of response to the Section 114 information collection request for the Mobile, AL, plant.
II-E-42	K. Schmidtke, MRI, to T. Germinario, American Cyanamid. April 22 and 23, 1996. Telecon: Discussion of the response to the Section 114 information collection request for the Hannibal, MO, plant.
II-E-43	K. Schmidtke, MRI, to G. Bradley, Rhone-Poulenc. April 23, 1996. Telecon: Discussion of response to the Section 114 information collection request for the Institute, WV, plant.

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<u>Docket No.</u>	<u>Description</u>
II-E-44	K. Schmidtke, MRI, to R. Alford, Zeneca Ag Products. April 26, June 4, September 20, and October 3, 1996. Telecon: Discussion of response to the Section 114 information collection request for the Cold Creek plant in Bucks, AL.
II-E-45	K. Schmidtke, MRI, to G. Bradley and R. Tenney, Rhone-Poulenc. April 30, 1996. Telecon: Discussion of response to the Section 114 information collection request for the Institute, WV, plant.
II-E-46	D. Randall and K. Schmidtke, MRI, to L. Banker, EPA:ESD. May 3, 1996. Minutes of MACT Partnership Group meeting held on April 4, 1996.
II-E-47	D. Randall, MRI, to R. Chowdary, Elf Atochem North America, Inc. May 3 and 21, 1996. Telecon: Discussion of response to the Section 114 information collection request for the Carrollton, KY, plant.
II-E-48	K. Schmidtke, MRI, to E. Fanjung, Zeneca Ag Products. May 9, 1996. Telecon: Discussion of response to the Section 114 information collection request for the Richmond, CA, plant.
II-E-49	K. Schmidtke, MRI, to H. Dickey, Zeneca Ag Products. May 14, 1996. Telecon: Discussion of response to the Section 114 information collection request for the Perry, OH, plant.
II-E-50	D. Randall, MRI, to L. Banker, EPA:ESD. June 14, 1996. Minutes of MACT Partnership Group conference call held on May 30, 1996.
II-E-51	K. Schmidtke, MRI, to J. Gulak, Uniroyal Chemical. July 2 and 12, 1996. Telecon: Discussion of response to the Section 114 information collection request for the Naugatuck, CT, plant.

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<u>Docket No.</u>	<u>Description</u>
II-E-52	K. Schmidtke, MRI, to K. Keyes, Rhone-Poulenc. August 1 and 21, 1996. Telecon: Discussion of response to the Section 114 information collection request for the Institute, WV, plant.
II-E-53	D. Randall and K. Schmidtke, MRI, to L. Banker, EPA:ESD. October 17, 1996. Minutes of MACT Partnership Group meeting held on September 18, 1996.
II-E-54	L. Banker, EPA/OAQPS/ESD, to J. Avery, Michigan Department of Environmental Quality. February, 1996. Discussion to determine whether plants listed in Section 7 Tracking System are HAP major sources and pesticide active ingredient manufacturers.
II-E-55	L. Banker, EPA/OAQPS/ESD, to State representative, New York Department of Environmental Conservation. February, 1996. Telecon: Discussion to determine whether plants listed in Section 7 Tracking System are HAP major sources and pesticide active ingredient manufacturers.
II-E-56	D. Randall, MRI, to L. Banker, EPA:ESD. February 12, 1997. Minutes of MACT Partnership Group conference call held on January 16, 1997.
II-E-57	K. Schmidtke, MRI, to C. Altamirano, Sandoz Agro. July 12, 1995. Telecon: Preliminary discussion of PAI production at Beaumont, Texas, plant.
II-E-58	K. Schmidtke, MRI, to J. Daly, Zeneca Ag Products. July 13, 1995. Telecon: Preliminary discussion of PAI production at Pasadena, Texas, plant.

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Subcategory II-F
InterAgency Review Materials

<u>Docket No.</u>	<u>Description</u>
II-F-1	Transmittal of OMB 83-I form and supporting statement for pesticide active ingredient NESHAP to the Office of Management and Budget for review.
II-F-2	M. Nichols, EPA:OAR, to D. Gardiner, EPA:OPPE. March 1997. Transmitting under Executive Order 12866 the Basis and Purpose document, fact sheet, preamble, and recommended rule to the Office of Management and Budget for review.
II-F-3	L. Banker, EPA:ESD, to A. Fraas, Office of Management and Budget. July 3, 1997. Change to preamble in response to comment from the Office of Management and Budget.

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Subcategory II-I
References Not Readily Available to the Public Elsewhere

<u>Docket No.</u>	<u>Description</u>
II-I-1	The Science of 2,4,5,-T and Associated Phenoxy Herbicides. R.W. Bovey and A.L. Young. New York, Wiley. 1980. p. 44.
II-I-2	Economic Indicators. Chemical Engineering Magazine. June 1989. p. 224.
II-I-3	Economic Indicators. Chemical Engineering Magazine. April 1990. p. 244.
II-I-4	Economic Indicators. Chemical Engineering Magazine. October 1991. p. 212.
II-I-5	<u>Federal Register</u> . Environmental Protection Agency. Initial List of Categories of Sources Under Section 112(c)(1) of the Clean Air Act Amendments of 1990. Vol 57, No. 137. Thursday, July 16, 1992. pp. 31576-31592.
II-I-6	Farm Chemicals Handbook-1993. Meister Publishing Company.
II-I-7	Pesticide Production. Chemical and Engineering News. June 24, 1996. p. 46.
II-I-8	Economic Indicators. Chemical Engineering Magazine. September 1996. p. 196.
II-I-9	Title 40. Code of Federal Regulations. Part 60. Subpart Da. Sections 60.42a and 60.43a.
II-I-10	Title 40. Code of Federal Regulations. Part 63. Subparts F, G, and H.
II-I-11	<u>Federal Register</u> . Environmental Protection Agency. National Emission Standards for Hazardous Air Pollutants for Source Categories: Organic Hazardous Air Pollutants From the Synthetic Organic Chemical Manufacturing Industry and Other Processes Subject to the Negotiated Regulation for Equipment Leaks; Rule Clarifications. Vol. 62, No. 12. Friday, January 17, 1997. pp. 2722-2828.

- II-I-12 Letter and attachment from J.B. Willett, American Cyanamid Company, to T. Germinario, American Cyanamid Company. August 20, 1996. Transmitting SARA Monitoring Program Report for American Cyanamid's Hannibal, Missouri, plant. August 22, 1988.
- II-I-13 Fax and attachment from B. Raff, Ciba-Geigy, to T. Germinario, American Cyanamid Company, July 25, 1996. Transmitting 10 pages of report of fugitive emission studies at Ciba-Geigy's St. Gabriel, Louisiana, plant. Prepared by C-K Associates Inc. Tests conducted in April 1993.
- II-I-14 Benzene Fugitive Emissions Study. ICI Americas, Inc., Bucks, Alabama. Prepared by BCM Engineers, Inc. Project No. 05-4246-01. October 1988.
- II-I-15 Fugitive Emission Study. Alabama Consortium. Prepared by BCM Engineers, Inc. Project No. 00-5997-01. January 1989.
- II-I-16 Letter and attachments from M. Altman, FMC CCorporation, to T. Germinario, American Cyanamid Company. August 1, 1996. Transmitting copies of fugitive emission test reports for FMC's Baltimore, Maryland, plant. Prepared by ENSR Consulting and Engineering. Document Numbers 2810-010-400 and 2810-022-400. September 1989 and October 1992.
- II-I-17 User's Guide to TANKS, Storage Tank Emissions Calculation Software, Version 3.0. Emissions Inventory Branch, U.S. Environmental Protection Agency. February 1996.
- II-I-18 Measurement of Price Elasticities in International Trade. Orcutt, Guy, H. The Review of Economics and Statistics. 32(2):117-132. 1950.
- II-I-19 Marginal Analysis of Welfare Costs of Environmental Regulation: The Case of Pesticide Regulation. Lichtenberg, E., Parker, D.D., and Zilbermand, D. American Journal of Agricultural Economics. 70(4):867-874. 1988.

- II-I-20 Theory of Environmental Policy, 2nd Edition.
Baumol, W.J. and Oates, W.E. Cambridge, Cambridge
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- II-I-21 Measuring the Degree of Market Power Exerted by
Government Trade Agencies. Love, H.A. and
Murniningtyas, E. American Journal of
Agricultural Economics. 74(3):546-555. 1992.
- II-I-22 Disaggregated Output Supply and Pesticide Policy.
Lim, H., Shumway, R., and Honeycutt, T.J. Review
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- II-I-23 Estimation of Aggregate Demands for Fertilizer,
Pesticides, and Other Inputs: A Model for Policy
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Technical Bulletin No. 1813. 1993.
- II-I-24 U.S. Industrial Outlook '92: Business Forecasts
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January 1992.

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Notice of Proposed Rulemaking

<u>Document Number</u>	<u>Date Rcvd in Docket</u>	<u>Commentor, Addressee, Title or Description, etc.</u>	<u>Date of Document</u>
III-A-01	11-28-97	Federal Register, Part II, EPA, 40 CFR, Part 63, National Emission Standards for Hazardous Air Pollutants Pesticide Active Ingredient Production; Proposed Rule	11-10-97

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Comments received (including any correspondence from persons
outside EPA whether or not labeled as public comments)

<u>Document Number</u>	<u>Date Rcvd in Docket</u>	<u>Commentor, Addressee, Title or Description, etc.</u>	<u>Date of Document</u>
IV-D-01	11-14-97	D.W. Gustafson, EH&S Regulatory Management/T.A. Threet, Legal Department, The Dow Chemical Company, Midland, MI	11-13-97
IV-D-02	11-24-97	J.L. Hott, Novartis Crop Protection, Inc., Greensboro, NC	11-21-97
IV-D-03	11-24-97	W. Dickerson, Corporate Air Team Member, BASF Corporation, Enka, NC	11-19-97
IV-D-04	12-04-97	T.G. Gilding, Director, Environmental Affairs, American Crop Protection Association (ACPA)	11-26-97
IV-D-05	12-17-97	A. D. Stungys, Plant Manager, Tomen Agro, Inc., Perry, OH	12-16-97

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IV-D-06	12-19-97	A. Deshmukh, Environmental Specialist, Occidental Chemical Corporation, Dallas, TX	12-16-97
IV-D-07	02-03-98	V. Jones, Manager fo Government Relations, The Clorox Company, Oakland, CA	01-28-98
IV-D-08	02-06-98	T.J. Gilding, Director, Environmental Affairs, American Crop Protection Association, Washington,D.C.	02-06-98
IV-D-09	02-09-98	J.E. Cooper, Manager Air Programs, AlliedSignal, Inc., E-Mail Comment	02-09-98
IV-D-10	02-09-98	B.M. Higgins, Chair, STAPPA Air Toxics Committee & R.H. Colby, Chair, ALACPO Air Toxics Committee, STAPPA/ALAPCO, Washington, D.C.	02-09-98
IV-D-11	02-09-98	R. Godbole, Environmental Coordinator, Phelps Dodge Corp., Phoenix, AZ	02-06-98
IV-D-12	02-09-98	D.C. Ailor, Director of Regulatory Affairs, American Coke and Coal Chemicals Institute, Washington, D.C.	02-06-98
IV-D-13	02-09-98	W.J. Adams, Director Environmental Science, Kennecott Utah Copper Corp., Magna, UT	02-04-98
IV-D-14	02-09-98	R.C. Phelps, Environment Associate, Eastman Chemical Company, Kingsport, TN	02-06-98

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IV-D-15	02-09-98	A.D. Stungys, Plant Manager, TomenAgro, Inc., Perry, OH	02-06-98
IV-D-16	02-09-98	T.J. Gilding, Director, Environmental Affairs, American Crop Protection Association (ACPA), Washington, D.C.	02-06-98
IV-D-17	02-09-98	M.J. Wax, Deputy Director, Institute of Clean Air Companies, Washington, D.C.	02-09-98
IV-D-17	02-09-98	M.J. Wax, Deputy Director, Institute of Clean Air Companies, Washington, D.C.	02-09-98
IV-D-18	02-09-98	D.L. McKinnon, Deputy Director, Manufacturers of Emission Controls Association (MECA), Washington, D.C.	02-09-98
IV-D-19	02-09-98	K. Parameswaran, Manager, Regulatory Development Government Affairs, ASARCO, Inc., New York, NY	02-09-98
IV-D-20	02-09-98	R.A. DiMenna, Manager, Air and SARA Programs, Corporate Environmental Department, Rohm & Haas, Co., Philadelphia, PA	02-06-98
IV-D-21	02-09-98	J. Dumelow, Engineering Associate, Environmental Services, Dupont Agricultural Products, Axis, AL	02-05-98
IV-D-22	02-09-98	B. Raff, Staff Environmental Engineer, Novartis Crop Protection, Inc., St. Gabriel, LA	02-06-98

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IV-D-23	02-09-98	C. Wysong, Environmental Engineer, Engelhard Corp., E-Mail Comment	02-06-98
IV-D-24	02-09-98	R.P. Pauline, Manager of Technical Affairs, Chemical Specialties Manufacturers Association (CSMA), Washington, D.C.	02-09-98
IV-D-25	02-09-98	C. W. Keffer, Jr., Director, ESH Operations Policy, Monsato Company, St. Louis, MO	01-29-98
IV-D-26	02-09-98	S.L. Tirey, Assistant Vice President, Regulatory Affairs, Chemical Manufacturers Association, Arlington, VA	02-09-98
IV-D-27	02-09-98	A.J. Dawson, Director Environmental Affairs, North American Agricultural Products Division, American Cynamid Co., Parsippany, NJ	02-06-98
IV-D-28	02-09-98	L.Swaim, EH&S Regulatory Management & T. Threet, Counsel, The Dow Chemical Company, Freeport, TX	02-06-98